HRH Sultan Muhammad V The Sultan of Kelantan Malaysia
3rd World Congress on Anti-Aging, Aesthetic, Regenerative, Nutritional and Exercise Medicine (WAAARNEM)
in conjunction with
16th Malaysian Conference and Exhibition &
9th International Congress on Anti-Aging, Aesthetic and Regenerative Medicine
"TOMORROW'S KNOWLEDGE TODAY"
26th - 28th April 2019
Sheraton Imperial Kuala Lumpur
Malaysia

Nano-Peptides Range: Similarity and Difference

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3rd World Congress on Anti-Aging, Aesthetic, Regenerative, Nutritional and Exercise Medicine (WAAARNEM), in conjunction with the 16th Malaysian Conference and Exhibition & 9th International Congress on Anti-Aging, Aesthetic and Regenerative, Medicine
April 26-28, 2019, Sheraton Imperial Kuala Lumpur, Malaysia
Presented on April 26, 2019, at 03.00-03.30 pm
https://archive.org/details/nano-peptides-range

Abstract: There is a short review on Organotherapy: from the Middle Ages to the present. Recent identification of nano-peptides opened a new page of the scientific research and further development of regeneration therapy with nano-extracts derived from the animal tissues and organs.

Therapeutic application of animal tissue and organs was described more than thousands of years ago in pharmaceutical books of various nations. So, in the 16th century Heinrich Cornelius Agrippa wrote, '*it is Well Known amongst physicians that brain helps the brain, and lungs the lungs*' etc. (1531).[1]

In the 'History of Drugs' (1748) we can find usual recommendations for that time: "the dried Liver and Bowels of a Wolf are recommended for the cure of all diseases arising from the liver and bowels; the dried Lungs of a Fox is esteemed excellent against coughs, asthma, wheezing, hoarseness, shortness of breathing, and all other diseases of the lungs".[2]

Usage of 'Organ specific remedies' became understandable and logic after discovery of G. B. *Morgagni* who established the anatomic concept of diseases originating from the certain organs (1769).[3] Theory of 'Cellular pathology' designed by Dr. R. Virchow was a further step for development of scientific view on the concept of 'cellular therapy' (1855).[4]

The greatest input in the cellular therapy was done by Dr. *Brown Sequard*. In the middle of 19th century he supposed: "*if into a man old or feeble the living cells of a young and vigorous being could be injected, why should he not vibrate in unison with this fresh life, which pervades him so intimately?*" After series of experiments on animals, Dr. Brown-Séquard presented his case whereby he injected himself with testicular extract derived from young dogs and noticed that his condition had improved tremendously, including general physical strength, brain function and even urination and defecation (1889).[5]

Since 1890s and until 1930s 'Organotherapy' and 'Cellular Therapy' were practiced widely in the mainstream of the medicine. When the active ingredients of the endocrine

glands were identified and extracted in the pure forms, popularity of the cell therapy among doctors gradually declined (1950s).[6]

Nevertheless some of the experts in the cellular therapy (in Germany, France, Switzerland, Russia, etc) continued to use live cells or cell extracts as a part of their daily practice even after 1980s (*F.Scmidt*, 1983).[7] The leading argument suggested by those doctors was that cell therapy was not limited by the effects of hormones, and it could include substances not yet identified. Besides, some of the degenerative changes of the internal organs, brain, peripheral nerves, muscles and other tissues or undeveloped organs in childhood were not caused by hormonal deficiency so hormonal replacement therapy would not be effective. Therefore, this small group of "incurable" diseases and syndromes could be a niche for the further researches and practical application of cellular therapy.

Due to the scientific achievements of the last years a group of organ specific proteins and peptides were discovered. For analyses and identifications of the peptides they used LC-MS and SDS-PAGE tests. Recent studies demonstrated that nano-peptides even in small dose could contribute into the activity and regeneration of the corresponding organs (*P.Elistratov*; *M.Krasnov*, *et al.* 2018).[8,9]

Identification of nano-peptides opened a new page of the scientific research and further development of regeneration therapy with nano-extracts derived from the animal tissues and organs. Results of the laboratory tests are going to be presented.

Recommended Literature

1. Agrippa HC. The secret philosophy. Book I. – Parisiis: Excudebat Christianus Wechelus; 1531 [Latin].

2. Pomet P. A Complete History of Drugs. Written in French by Monsieur Pomet. – London: J. and J. Bonwicke, S. Birt, W. Parker, C. Hitch, and Wicksteed, 1748, Book 1, p. 36.

3. Morgagni GB. The author's preface. In: Morgagni GB, editor. The seats and causes of diseases investigated by anatomy. – London: Printed for Millar A, Cadell T; 1769.

4. Virchow R. Cellular Pathology: As Based Upon Physiological and Pathological Histology. Twenty Lectures Delivered in the Pathological Institute of Berlin During the Months of February, March and April, 1858. – London: Robert M. De Witt, 1860, 528.

5. Brown-Sequard CÉ. The effect produced on man by subcutaneous injections of a liquid obtained from the testicles of animals. – Lancet 1889;134 (3438): 105-107.

6. Schmid F. (Ed) Cell therapy: a new dimension of medicine. - Thoune: Ott Publisher; 1983.

7. Elistratov PA, Ilyina AP, Evdokimov VV, et al. Proteinpeptide complex from the bovine testicles tissue, increasing the mobility of human spermatozoa in vitro. – Proceedings of the 8th Internat Congr 'Low and Superlow Fields and Radiations in Biology and Medicine'. St.-Petersburg, Russia, 10-14 Sep. 2018; 8: 33–34 [Russian].

8. Krasnov MS, Ilina AP, Elistratov PA, et al. Action at ultralow doses of the peptide-protein complex purified from the ovaries of the cattle. – Ibid., 2018: 51-52 [Russian].

Organised by

Society for Anti-Aging Aesthetic Regenerative Medicine Malaysia
Persatuan Perubatan Anti-Penuaan Aestetik Rejeneratif Malaysia

under the Patronage of

HRH Sultan Muhammad V The Sultan of Kelantan Malaysia

In association with

Kelantan Government Malaysia

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SCAN HERE

26th - 28th April 2019

Sheraton Imperial Kuala Lumpur
Malaysia

FINAL PROGRAMME

Event ID: CPDE6307
20 CPD points
Awarded

In collaboration with

Ministry of Health

Track 3: Anti-Aging and Regenerative Medicine

*Theme: **Non-Communicable Diseases the Anti-Aging Way***

Ballroom 3

	Day 1 - 26th April 2019 Friday	Day 2 - 27th April 2019 Saturday	Day 3 - 28th April 2019 Sunday
	Chairpersons: *Dr Kamalakaran Karanakaran* *& Dr S Sandraprakash*	**Chairpersons:** *Datin Dr Kamaria Idris* *& Dr Sunita Kaur Ahluwalia*	**Chairpersons:** *Dato' Dr Jekinder Singh Gendeh* *& Prof Dr Andrew Charles Gomez*
08.45am - 09.00am	**Welcome Address** **by President of SAAARMM** *Prof Dato' Dr Selvaraj Y Subramaniam*	**Welcome Address** **by Chairman, Organising Committee of WAAARNEM** *Dr Kamalakaran Karanakaran*	**Welcome Address** **by Secretary of SAAARMM** *Datin Dr Kamaria Idris*
09.00am - 09.30am	**PLENARY 1** **Can we Prevent Alzheimer's Disease?** *Prof Dr Karl J Neeser*	**PLENARY 2** **Vitamin B for Energy** *Prof Dr Claus Muss*	**PLENARY 4** **Medical Indemnity - What it Protects and How it Works** *Ms Ratnawati Osman* (09.00am - 09.30am)
09.30am - 10.00am		**PLENARY 3** **CBD - Cannabidiol in Beauty & Wellness** *Ms Heather Bird Tchenguiz*	**PLENARY 5** **How Far has the Law of Medical Negligence Developed** *Mr GK Ganesan* (09.30am - 10.00am)
10.00am - 10.30am	TEA BREAK		TEA BREAK (10.00am - 10.30am)
10.30am - 11.00am	**An Overview on Aging** *Prof Dato' Dr Selvaraj Y Subramaniam* (10.30am - 10.45am)	**What Every Physician should know on Stem-Cells, Cells, Extracts and Peptides** *Prof Dato' Sri Dr Michael KS Chan* *Sponsored by European Wellness*	**D-Ribose as Cell Food** **Blood Indicator for Sudden Cardiac Death** *Mr Jagdev Singh* (10.30am - 11.15am)
11.00am - 11.30am	**Can Human Reverse Aging?** *Dato' Dr Guna Sittampalam* (10.45am - 11.30am)	**Nutrients and Diabetes** *Dr Sunita Kaur Ahluwalia*	
11.30am - 12.00noon	**Precursor/Progenitor Stem Cell Therapy in Regenerative Medicine** *Prof Dr Dmitry Klokol* (11.30am - 12.00noon) *Sponsored by European Wellness*	**Stem Cells in Cardiac Regeneration** *Prof Dr Dmitry Klokol*	**The Role of Vitamin D in Heart Disorders/Aging** *Prof Dr Karl J Neeser* (11.15am - 11.40am)
	Heart Failure in Patients in CKD *Dr Tharmaratnam Rasanayagam* (12.00noon - 12..30pm)		**Co-Q in the Management of Heart Disease** *Prof Dr Claus Muss* (11.40am - 12.05pm)
12.00noon - 12.30pm	**How to treat patients with difficult and unclear diseases with Swiss Biological Medicine** *Dr Thomas Rau* (12.30pm - 01..30pm)	**Protocols of Stem Cells with Other Modalities of Medicine** *Prof Dato' Sri Dr Michael KS Chan*	**Magnesium for Hypertension Patients** *Prof Dr Claus Muss* (12.05pm - 12.30pm)
12.30pm - 02.00pm	LUNCH		
02.00pm - 02.30pm	**Diet for Healthy Heart** *Dr Surendran Thuraisingham*	**Erectile Dysfunction and Vascular Disorder** *Dr Tanjung Subrata*	**Auto Phage and Disease Treatment** *Prof Dr Andrew Charles Gomez*
02.30pm - 03.00pm	**Lifestyle Modifications in Hypertension** *Dr Lawrence Chan Hon Wah*	**Immunotherapy as Complementary Therapy of Autoimmune Disease including Skin Diseases, Rheumatoid Arthritis, Multiple Sclerosis and Cancer** *Dr Patricia Pan* *Sponsored by Stellar Biomolecular Research*	**Stemcell - Benefits and Comparison Exosomes** *Dr Sean Ng*
03.00pm - 03.30pm	**Nano Peptides Range: Similarity and Difference** *Dr Mikhail Teppone* *Sponsored by Bionion*	**Oral Health: a Window to your Overall Health - The First Step in Anti-Aging Medicine** *Prof Dr Tilman Fritsch*	
03.30pm - 04.00pm	**Other Organ Damage causing Heart Problems** *Dr Jeyabalan Velayutham*	**Melatonin and DHEA** *Dr Sharan Kaur*	**Sleep and Chronic Non-Communicable Disease** *Prof Dr Karl J Neeser*
04.00pm - 04.30pm	**Lifestyle Modifications in Heart Failure** *Dato' Dr Tamil Selvan Muthusamy*	**The Brain and Aging** *Assoc Prof Dr Prem Kumar Chandrasekaran*	**The Centre is the Mouth for the whole Body** **The First Step in Anti-Aging Medicine - Eating, how to do** *Prof Dr Tilman Fritsch*
04.30pm - 05.00pm	Oral and Poster Presentation		
05.00pm	16th Annual General Meeting of Society for Anti-Aging Medicine Malaysia (SAAARMM)	Graduation Ceremony SAAARMM/St Elizabeth University & Hi-Tea	

*Disclaimer: The organizing committee of WAAARNEM reserves the right to make changes to the programme as deemed necessary.